



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
612 EAST LAMAR BLVD, SUITE 400  
ARLINGTON, TEXAS 76011-4125

July 30, 2010

Rafael Flores, Senior Vice President  
and Chief Nuclear Officer  
Attention: Regulatory Affairs  
Luminant Generation Company LLC  
Comanche Peak Nuclear Power Plant  
P.O. Box 1002  
Glen Rose, TX 76043

SUBJECT: COMANCHE PEAK NUCLEAR POWER PLANT, UNITS 1 AND 2 - NRC  
EXAMINATION REPORT 05000445/2010302; 05000446/2010302

Dear Mr. Flores:

On July 7, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed an initial operator license retake examination at Comanche Peak Nuclear Power Plant, Units 1 and 2. The enclosed report documents examination details and licensing decisions. The preliminary examination results were discussed on July 7, 2010, with Mr. M. Page, Operations Training Manager, and other members of your staff. A telephonic exit meeting was conducted on July 8, 2010, with Mr. M. Page, who was provided the NRC licensing decisions.

The examination included the evaluation of one applicant for a reactor operator license and one applicant for an instant senior reactor operator license. The license examiners determined that both of the applicants satisfied the requirements of 10 CFR Part 55, and the appropriate licenses have been issued. There were no post-examination comments submitted by your staff. The enclosure to this letter contains the details of this report.

No findings were identified during this examination.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,



Mark S. Haire, Chief  
Operations Branch  
Division of Reactor Safety

Dockets: 50-445; 50-446  
Licenses: NPF-87; NPF-89

Enclosure:  
NRC Examination Report 05000445/2010302; 05000446/2010302  
w/Attachment: Supplemental Information

cc w/enclosure:  
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U.S. NUCLEAR REGULATORY COMMISSION

REGION IV

Dockets: 50-445, 50-446

Licenses: NPF-87, NPF-89

Report: 05000445/2010302; 05000446/2010302

Licensee: Luminant Generation Company, LLC

Facility: Comanche Peak Nuclear Power Plant, Units 1 and 2

Location: FM-56,  
Glen Rose, Texas

Dates: July 7-8, 2010

Inspectors: K. Clayton, Senior Operations Engineer  
C. Osterholtz, Senior Operations Engineer

Approved by: Mark S Haire, Chief  
Operations Branch  
Division of Reactor Safety

## SUMMARY OF FINDINGS

ER05000445/2010302; 05000446/2010302; July 7-8, 2010; Comanche Peak Nuclear Power Plant, Units 1 and 2; Initial Operator Licensing Examination Report.

NRC examiners evaluated the competency of one applicant for a reactor operator license and one applicant for an instant senior reactor operator license at Comanche Peak Nuclear Power Plant, Units 1 and 2.

The licensee developed the operating tests using NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9, Supplement 1. The written examination and walk-through portion of the operating tests were waived for the two applicants because they passed these items earlier this year and because the licensee requested and received waivers for these items for the retake examination. NRC examiners administered the operating tests on July 7, 2010.

The examiners determined that both of the applicants satisfied the requirements of 10 CFR Part 55, and the appropriate licenses have been issued.

A. NRC-Identified and Self-Revealing Findings

No findings were identified.

B. Licensee-Identified Violations

None.

## REPORT DETAILS

### 4. OTHER ACTIVITIES (OA)

#### 4OA5 Other Activities (Initial Operator License Examination)

##### .1 License Applications

###### a. Scope

NRC examiners reviewed all license applications submitted to ensure each applicant satisfied relevant license eligibility requirements. The examiners also audited one of the license applications in detail to confirm that it accurately reflected the subject applicant's qualifications. This audit focused on the applicant's experience and on-the-job training, including control manipulations that provided significant reactivity changes.

###### b. Findings

No findings were identified.

##### .2 Examination Development

###### a. Scope

NRC examiners reviewed integrated examination outlines and draft examinations submitted by the licensee against the requirements of NUREG-1021. The NRC examination team conducted an onsite validation of the operating tests.

###### b. Findings

NRC examiners provided outline, draft examination and post-validation comments to the licensee. The licensee satisfactorily completed comment resolution prior to examination administration.

NRC examiners determined that the operating test scenarios initially submitted by the licensee were within the range of acceptability expected for a proposed examination.

During scenario development several procedures were identified by the licensee that needed enhancement. These enhancements were captured by Condition Report CR-2010-006838.

##### .3 Operator Knowledge and Performance

###### a. Scope

The written examination and walk-through portion of the operating tests were waived for the two applicants because they passed these items earlier this year and because the licensee requested and received waivers for these items for the retake examination.

The NRC examination team administered the scenario portion of the operating tests to the two applicants on July 7, 2010.

b. Findings

No findings were identified.

Both of the applicants passed the operating test scenarios. The final operating tests may be accessed in the ADAMS system under the accession number noted in the attachment. There were no post-examination comments for the operating test.

The examination team did not observe any generic weaknesses.

.4 Simulation Facility Performance

a. Scope

The NRC examiners observed simulator performance with regard to plant fidelity during examination validation and administration.

b. Findings

No findings were identified.

.5 Examination Security

a. Scope

The NRC examiners reviewed examination security during both the onsite preparation day and examination administration day for compliance with 10 CFR 55.49 and NUREG-1021. Plans for simulator security and applicant control were reviewed and discussed with licensee personnel.

b. Findings

No findings were identified.

**40A6 Meetings, Including Exit**

The chief examiner presented the preliminary examination results to Messrs. M. Page, Operations Training Manager, G. Struble, Training Supervisor, and other members of the staff on July 7, 2010. A telephonic exit was conducted on July 8, 2010, between Messrs. K. Clayton, Chief Examiner, and M. Page, Operations Training Manager.

The licensee did not identify any information or materials used during the examination as proprietary.

## **SUPPLEMENTAL INFORMATION**

### **KEY POINTS OF CONTACT**

#### **Licensee Personnel**

M. Page, Operations Training Manager

S. Harvey, Shift Operations Manager

G. Struble, Training Supervisor

#### **NRC Personnel**

J. Kramer, Senior Resident Inspector

### **ADAMS DOCUMENTS REFERENCED**

Accession No. ML102080297 – FINAL OPERATING TEST SCENARIOS